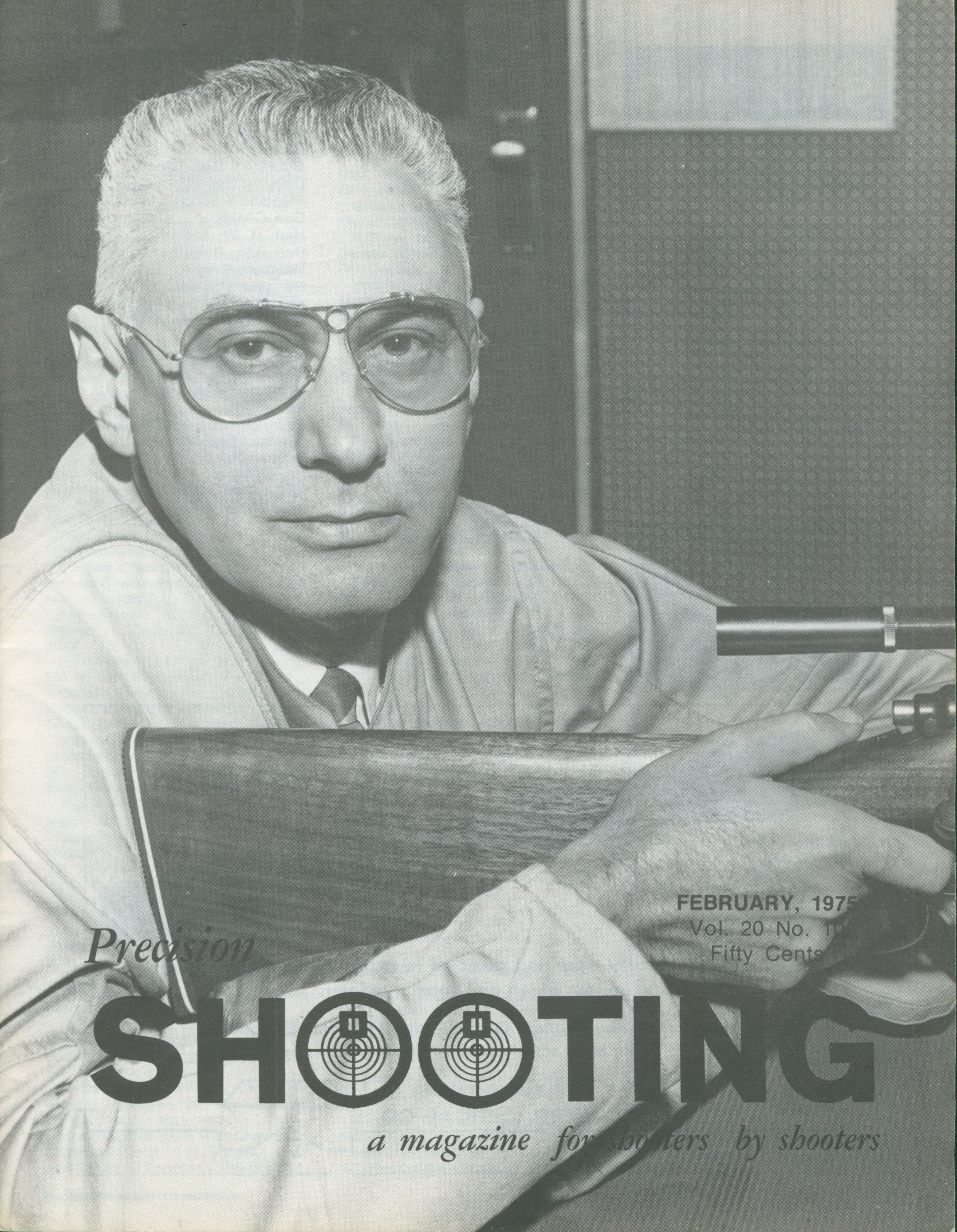

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a magazine for shooters by shooters

PRECISION
SHOOTING

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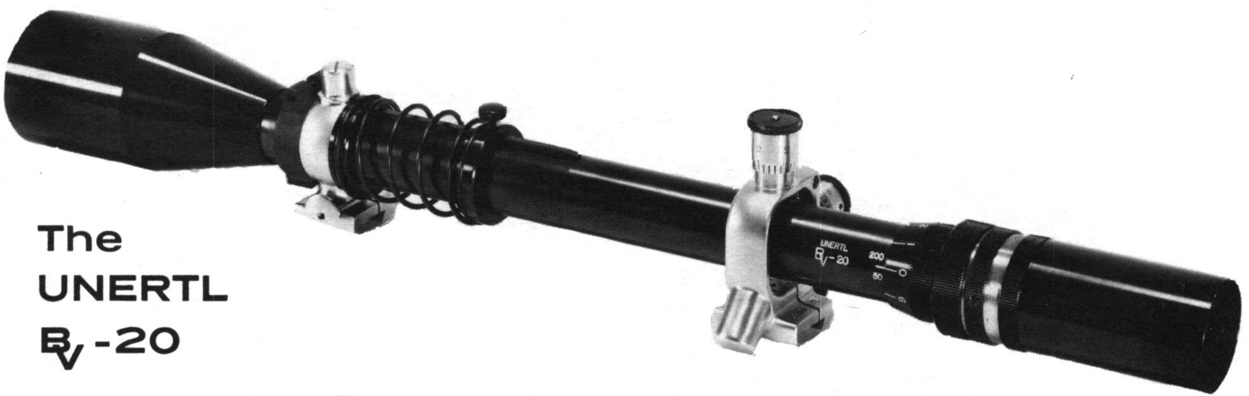

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Cover Story

M. H. WALKER

Presenting the cover picture for this issue involved the collective efforts of several people in order that the party in question did not become suspicious. Our thanks to Donalee and Jim Stekl for their efforts. Special thanks to Olive Walker (Mrs. M. H. Walker) for compiling the record which reveals the accomplishments of her good husband.

The occasion for this cover shot, which was obtained from the files of Remington Arms Co., is the retirement of Mr. Merle H. Walker, known as Mike to many, from active employment with Remington Arms Company after a term of 26 years.

Recently Precision Shooting made a visit to Ilion, N.Y. and toured the remarkable facility which Remington operates there with a report scheduled for these pages at a later date. While there the thought occurred to me that our February issue would be delivered at about the same time as the January 31 retirement date and this surprise (we hope) began to take shape. With that background we have gathered the following information and will highlight the activities of a man who has spent most of his working and relaxing hours in pursuit of accuracy.

The shooting career of our feature individual began, at least with recorded trophies, in the period of 1940-42 when he received 17 Michigan Smallbore Medallions for his shooting achievements.

The next time we find mention made of his many accomplishments is in 1948, the year that he joined Remington Arms Company. That year saw the introduction of the Models 721 and 722 Centerfire Bolt Action Rifles in five calibers.

Following closely, 1949 is noted for that is the year of the .222 Remington. Mike produced a cartridge which was to grow famous and each year produces another record or excellent shooting event. Perhaps the .222 will continue its winning ways for years to come.

The period of 1951 to 1955 found experimentation on Cartridge-Powertools turning the techniques of the reloader to industrial use. The Models 450 and 455 Stud Driver were introduced during that period. While doing this work there was still time to develop the Model 40X Match Rifle in .22 Rimfire and the .244 Remington Cartridge, which saw its first light in 1955.

Shooting well in this time span Mike was able to win the NBRSA, True Magazine Trophy in 1951, The Warren Page Trophy in 1952 and The Field and Stream Trophy in 1954.

The big year for the shooting Walker's was 1954 as they (yes, Olive is his almost constant companion and toughest competition) were able to compile an enviable list of accomplishments which included a multitude of First Place wins for each of them. Unfortunately room does not allow for a complete listing of 1954 if we hope to include some other information. It was that kind of year!

Returning to the factory the "Mighty-Mite" Stud Driver and a cartridge-powered Humane Animal Stunner were produced. The year was 1956.

Enter 1960 with the introduction of the 40X International Match Rifle in both Rimfire and Centerfire, plus the 40XB Centerfire Match Rifle. This good year is still with us in the form of the present 40X line with few modernizing changes.

The 7mm. Remington Magnum made it's debut in 1961 and quickly proved to be a top-drawer hunting rifle. Not until later did it show its style on the target line where it is an excellent long-range target rifle choice.

A National Champion Sporter Grand Aggregate of .614 was obtained at Augusta, Ohio in 1961 to make that year complete.

Nineteen-sixty-two brought Mike recognition for the Model 700 Bolt Action series and another National Championship. This one at Wapwallopen, Pa., and in the Sporter Class again, was a .545. A ten shot group at 200 yards which measured a fine .5708 was also fired that weekend.

Keeping his hand in the benchrest game, our focal point went to St. Louis, Mo. and placed second in the Sporter Grand Aggregate while gathering trophies for small group at both 100 and 200 yards. The 6mm Remington Cartridge was created during 1963 as well.

Remington Arms Co. and Mike introduced the 22-250 as a factory chambering in 1964. The Model 700 "Custom Grade" rifles began life at that time.

Shooting across the years in 1965 and 1966 brought a second place Light Varmint Grand Aggregate (65) and a Sporter Grand Aggregate of .465 at Johnstown, N.Y. in 1966. Continuing in 1966 Mike collected a second in Grand Aggregate, Sporter, at Fassett, Pa.

Double sixes in the year found a double accomplishment with the Model 700 "Varmint" and Model 700 "Sniper" rifles.

Scopes enter the year of 1967 as Remington introduces the 20X Target Scope. This is also to be the year of some first place wins. An Eastern Region NBRSA Light Varmint Grand Aggregate, a 200 yard Light Varmint (Sporter) of .4305, and a Three Gun Aggregate all fall to the man from Mohawk, N.Y.

A first place Eastern Region Championship in Light Varmint, the N.Y. State Championship in Light Varmint and a second place in the Eastern Region Championship Three Gun Aggregate are accumulated in 1968.

The Al Creighton Trophy for a first place Heavy Varmint aggregate is won in Canton, Ohio, the 40X-BR Benchrest Rifle and the 40X Sporter Rifle are the highlights of 1969.

Caging a wildcat may be the title for 1970 as the 25-06 Cartridge is given a factory home. The little 17 caliber Centerfire is also offered in the Model 700 rifle.

This is a good shooting year with a second place Sporter Grand Aggregate of .3745. The Pennsylvania State Championship produces a first place member spot on the International Postal Team in Light Varmint and a second place in the Sporter class.

Seventy-one gathers a second place in Heavy Varmint, Grand Aggregate and second place 100 yards at Canton, Ohio. The first place in Heavy Varmint at the Pennsylvania State Championship and the first place in the two gun (Sporter and Light Varmint) at the same match. Wapwallopen, Pa. is the scene and the third place in the Three Gun Aggregate is to be the position to close out a fine year.

Remington Precision Match Bullets bring on 1972 and they must certainly be an assist as the Pennsylvania State Championship finds Mike winning a third place in the Light Varmint class and first place in the Heavy Varmint class.

Back at the factory the Model 700 is offered in left-hand for the portsiders and the Model 4100 Autoloading Tournament Trap is produced in 1973.

Stittsville, Ontario is the setting for the Canadian Nationals and Mike places second in the Heavy Varmint Grand Aggregate and first in the Sporter Grand Aggregate.

It is during 1973 that The Greenville Gun Club offers the Walker-Tooly shoot to honor the retiring Precision Shooting Editor, Emory Tooly, and our cover man. Not wishing to let the local boys down the pair took five of the host trophies. Mike won the third place in the Sporter and second place in the Heavy Varmint.

Reporting on the year just past finds that 40X makes the news in XR, Rimfire Position Rifle, and XC, National Match Rifle form. The Model 700 series receives a new, wider and handsomer, stock to the pleasure of many to round out the calendar.

Super Shoot II finds Mike winning second place in the Industry category at the 200 yard line. During the IBS Varmint and Sporter Championships at Fassett the Team of Walker, J. Stekl, D. Stekl and Page win the four man team match for Heavy Varmint Rifles.

It is impossible to predict the match record of the years to come but it is reasonably certain that the name of M. H. Walker will be seen often on score sheets as time is now available to relax, enjoy and participate. It is our wish that Mr. and Mrs. Walker are able to receive much pleasure from their years of leisure and that they may have many of them.

With this in mind Precision Shooting salutes M. H. Walker for many years devoted to accuracy and the development of the sport called Benchrest Shooting.

R. R. M.

"The Editor's Hour"

Back issues have been an item that has been quite popular during the past year. Many readers have been updating their files and digging into the past of benchrest shooting in their quest for assistance for the future.

That quest has produced some information that I did not know about and I will pass it on to you.

Mr. Al Angerman wrote to me recently and made note of a few errors in the back issue requests that I run from time to time to assist in the completion of the Magazine file. Even we do not have a complete file.

Al informs me that the May 1955 Shooters News that I am seeking was never printed. The June 1955 issue carries a remark by Phil Teachout to that effect and explains that it was due to a change in the dating system. Don't look for May 1955 anymore. It does not exist.

Also, I was looking for June and July Shooters News for the year of 1948. Al also refers me to the fact that these two issues do not exist. Shooters News ceased publication with the December 1955 issue and Precision Shooting did not pick up until the May 1956 issue.

These items should be noted and checked in relation to whatever back issues you feel that you need. Perhaps your file is more complete than you think.

* * *

As you read this the IBS Winter Meeting is history. We will give you a complete report in the March issue. Copy deadlines prohibit the inclusion of that information in this issue.

* * *

Recently, the pages of Precision Shooting have been less in number. Like everything else we have been hit by the inflation bug and have had to watch dollars a lot closer than we like to.

Paper prices went up as did petro-chemicals which are used in inks and some other printing materials. Postal rates took a hop and are expected to increase again next year. Wages will most likely increase when contracts run out if employees hope to be able to keep up with the inflationary trend.

All this makes for a tight situation when copy is submitted for printing. We would like to see 50 or 60 pages but the cost of such an item for a specialized publication such as ours, with low circulation, would allow about three issues per year.

The only solution is to find a way to increase our circulation substantially so that the cost-per-page is reduced and the balance of dollars and pages is close to a real value.

The reduction of pages is in an attempt to gain some slack so that the future issues, when important information must go out within reason, can be bigger and better as all of us would like to see them. Till then we will try to give you quality in line with the past and fit as much as possible into the available space.

* * *

A new product from Dick Saunders arrived too late for a picture but it is worth mentioning. Dick has produced a short "stubby" sunshade for the Lyman LWBR scope. It is intended to allow the shooter to add his own paper or plastic tube to it in the quest for a lighter shade which will still screw-attach to the scope. Selling for $2.50 they are now available from Saunders Gun and Machine Shop, 145 Delhi Road, Manchester, Iowa, 52057.

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Technical Column

M.H. Walker
Technical Editor
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Tight Bore and Light Loads

My .222 Remington Varmint Rifle shoots best with light loads. This is contrary to all the information I have read or heard about the .222.

The best load I have used is 22 gr. of IMR 3031 and 52 or 53 gr. Speer and Sierra bullets. The rifle has produced many groups under .375 and one under .250 with this load. It also shoots well with BL-C2 but is erratic with IMR 4198.

Would this indicate a rifle with a bore that is a little on the tight side or is it some other condition that limits the load this rifle will handle with accuracy?

Mr. T. Good
11286 Harrison
Livonia, Michigan 48150

It is possible that your rifle has minimum dimensions in both bore and chamber throat. This could explain its preference for light loads.

Sometimes velocities just above 3000 give a better drag coefficient, i.e., better wind deflection figures, than velocities in the 3200 to 3300 category in the 22 caliber accuracy cartridges. This is explained by a better point-on-flight of the bullet from muzzle to target. Even slight yaw or over or under stability will increase the drag coefficient and resultant wind deflection.

M. H. W.

Small 7mm Possibilities

I have read and reread, with considerable interest, your answer to Mr. Hummel's comments about the 7mm. Several months ago I picked up a 7mm. Remington Magnum 40X at a gun collectors show and have actually enjoyed shooting it, with some additional shoulder padding. I can manage 40 rounds in a morning without feeling chopped up.

When everything is reasonably right — me, ammo, weather — I have managed 1 MOA many times from a benchrest. Further improvement prompted my interest in your response to Mr. Hummel's statements about the slow twist. I have an idea that the 7mm. Remington Magnum was designed for long range target shooting, which probably dictates the 9 1/2" twist. I am limited to 100 and 200 yard shooting.

My question is this: In a Heavy Varmint 40X barrel, and assuming a case with 33-35 gr. capacity could be found or made, what twist would be correct to accurately shoot the Hornady 162 gr. HP-BT at 100 to 300 yards?

Could that ideal case be made with a small rifle primer to make it less violent?

Mr. Anthony Anderla
262 Uhler Avenue
Marion, Ohio 43302

If you have been reading Precision Shooting diligently you saw that the 7mm in a case size approximating the 7mmx57 has been tested in a 10 inch twist. In order to get good accuracy the load had to produce a velocity of 2200 ft/sec. with the Hornady 162 grain. The conclusions were at that time that an 11 inch and a 12 inch twist should be tried.

When the data is available the results will be printed in Precision Shooting.

A case of this size would probably require the large rifle primer for adequate ignition. Securing cases with pockets for the small rifle primer would be essentially impossible.

M. H. W.

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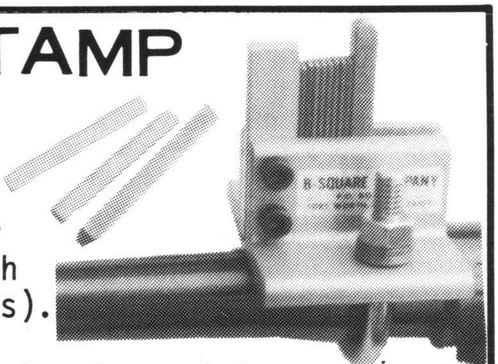
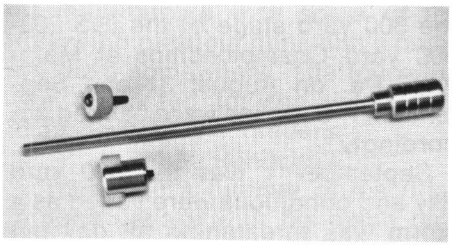


PRODUCT REPORT

Breech Face and Locking Lug Tool

How do you clean the locking lug area? With a cloth bent around your little finger? With a toothbrush? With a patch inserted in the little slit in a cleaning rod?

Relax — Fred Sinclair, 1200 Asbury Drive, New Haven, Indiana, 46774, has the answer for your problem. The price is only $5.25 and replacement fillers are $1.00 per set.



The Fred Sinclair Breech Face and Recoil Lug Cleaner.

Looking for all the world like a do-nothing rod till you finally visualize the tool, it is composed of a long rod with a handle and two attachments.

The round attachment is used to clean the breech face and it will remove a good deal of crud before it needs to be cleaned in solvent.

The other attachment is slotted and has a fiber bar inserted to clean the locking lug area. Simply run the tool along the rails, give it a turn or two and remove. Make certain the bar of fiber is in line with the rails or you will have to take it out with your fingers when it comes out of the slot.

Fred informs us that the rod is tapped for the 8-32 thread so that a wool mop or brush can be screwed on and used for chamber cleaning.

Credit for the tool ideas is given to Elmer Thompson for the breech face cleaner and Roy Dunlap made the original version of the locking lug tool.

Though there are many who would view this tool as too expensive it is our guess that these same people are the ones who slop up their rifles with bore cleaner and never run so much as a patch into the chamber. We can't all be sanitary either, I guess. For those who are inclined toward this tool, Fred has them and can be reached at the address given above.

The sample sent to us worked quite well and the lug and breech areas of four rifles revealed a collection which ranged from bristles from bore brushes to particles of cartridge cases and a few grains of powder. One rifle in particular worked a little smoother with the excess material removed. The felt cleaners were rinsed in solvent such as white gas and returned to a useable condition with ease.

R. R. M.

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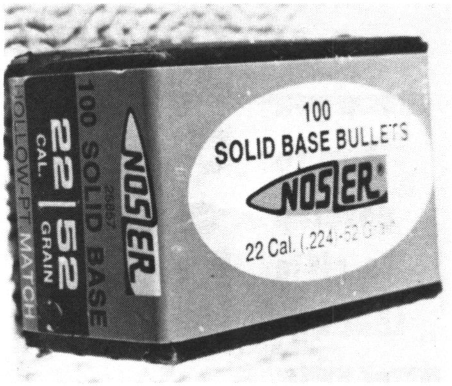
PRODUCT TEST

Nosler Solid-Base Bullets 52 Gr. Hollow-Point Match

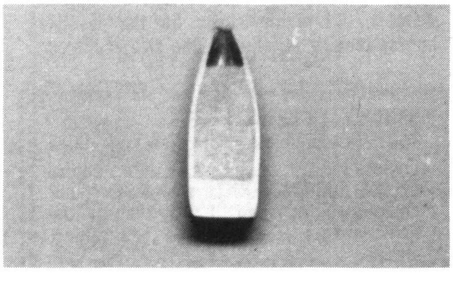


Noted for their excellent "Partition" hunting bullets the firm of Nosler has not been thought of in the target bullet field. That is changing with the introduction of their 52 Gr. Hollow-Point Match bullet.

Nosler Bullets, Inc., an affiliate of Leupold & Stevens, Inc., has placed a "Solid Base" line of .224 and 6mm bullets in the hands of shooters. This line is a departure from their hunting bullet line in that it features a bullet with a very solid base (.130 as measured from a sectioned bullet) rather than the solid-center bullet which they normally produce.

Advertising literature reveals that the jackets depart from the traditional method of "cup and draw" forming from metal disks and are made by the "impact extrusion process."

For those who are unfamiliar with this method it is simply the forming of a jacket by forcing a punch into a solid copper slug. The force of the punch causes some metal to rise along the sides of the cavity which holds the copper slug, forming the jacket. At Nosler the jacket is formed by four successive impact operations to obtain the desired jacket size. Using this method almost any desired base thickness could be achieved along with the uniform wall thickness.



The unique feature of the Nosler 52 gr. Match bullet is the impact extruded jacket with its very thick base.

Just prior to bullet core seating the jackets are drawn, in two steps, to increase the length and taper the walls. Now a precision fit core, which is pre-formed to match the internal contour of the jacket, is inserted and the core is swaged in the jacket at the same time as the ogive and tip are formed to complete the bullet.

This ten step operation, from "bumping" the slug of copper to size to the forming of the bullet itself, is done on automated equipment as well as employing semi-automated hand-operations for chores such as the fitting of the lead cores and ogive forming.

From this it is quite obvious that this firm has departed from the usual in its quest for a better match bullet.

Our sample lot of bullets reached us in late summer and time for product testing was limited due to a heavy match schedule. While waiting for the opportunity to test these bullets a few were examined with an eye to any physical differences from other bullets in use as our reloading supplies.

The only feature of note is the presence of a distinct ring or ridge at the junction of the base of the bullet and the taper of the boat-tail. Obviously this was caused by the pressure of forming. No other differences caught our eye. Bullet weight, length and concentricity were within the limits expressed for match shooting so the testing would have to reveal any improvements, if any.

With the shooting season fast drawing to a close for me the desire to test these bullets was growing. One morning was found to have the desired (by this writer) qualities of calm, overcast and not too humid and a test lot was loaded.

The 100 yard group was not measured but was an easy .250 while the 200 yard group was a little larger, measuring .311. Not wishing to judge by one group it was almost duplicated with a .326. Now for a little 300 yard testing.

Here the Nosler really did its best with the first group at an even inch and the second falling at .896. This was considerably better than I had been able to do with any other combination in the rifle used for the testing.

The load was 20.4 gr. of 4198, Federal 200 primers, Remington .222 cases and the 52 gr. Nosler bullets. The rifle was a recently Hart barreled Remington 40X Heavy Varmint.

With this brief testing it was decided to use the new bullets for the 300 yard stage of the IBS 200-300 yard Championships at Mainville, Pa. on August 31 and September 1. Supplies were packed accordingly.

September 1 was the 300 yard day and conditions were varied as a storm was threatening all day but did not materialize until the shooting was over.

This combination was able to produce the winning 300 yard aggregate of .4055 (later measured as a new IBS 300 yard record at .4043). The smallest group was a .780 and the largest was a 1.690. Most were composed of the benchresters bugaboo of four in a nice cluster and one out a bit. The bit was always the part that made the group bigger.

Using this success and reported success of others (P.J. Hart used these bullets in part of his 1974 IBS Three Gun Championship) it is fair to observe that Nosler has produced a bullet with winning capabilities.

Whether the unique method of jacket forming, with its very thick base, is the answer we cannot say but it would certainly appear that it has something to do with the success of this bullet. Only time will tell as more experience is gained with this bullet.

Selling for a suggested retail of $5.40 per 100 these bullets offer a good value for the shooter who relies on the factory bullet in competition. They are available from sporting good dealers who handle Nosler products.

R. R. M.

Single Shot Rifles

Claude E. Roderick
509 Fifth Street
Monett, Missouri 65708

OLD-TIME SINGLE SHOT RIFLE CRAFTSMEN

One will occasionally run into single shot rifles of various makes of manufacture with some of the following old-time gunsmith's name on them somewhere. The following are presented for the value they may have to the readers.

M.S. Hendricks

There are a number of his rifles around usually with his name only on the barrel. The barreling, restocking and other alterations appear to be of very fine workmanship. I have had inquiries from shooters asking where he was located. I quote from his advertisement in the classified columns of Shooting & Fishing magazine which was published from 1888 thru 1906, Arms & The Man, and our current American Rifleman magazine being its predecessors:

Volume 22, No. 6, page 103, May 27, 1897: "WANTED — A good location for a gun shop by a first class gunsmith and machinist; anyone knowing of a good place will greatly oblige by addressing HENDRICKS, 255 South Lincoln Avenue, Aurora, Illinois."

Another entry Vol. 39, No. 10, page 103, May 27, 1905: WANTED — Maynard .25-20 or old Maynard rifles and carbines, model 1882 Maynard action or worn out rifle that can be bought cheap. Have a 35-40 barrel for sale or exchange. M.S. Hendricks, 255 South Lincoln Avenue, Aurora, Illinois."

Otto Bremer

He was located in San Francisco, California at the turn of the century and while I have never seen or heard of a barrel with his name on it you will frequently run into his stocking with his name on the butt plate or stock, somewhere. He made fine set triggers for I once owned a Hartford Pope on an engraved Ballard No. 6 action that had one of his automatic set triggers in it which consisted of a single piece of music wire trigger in about mid-way position of the usual double set triggers on this model Ballard. It was automatically set when you cocked the hammer. This was Hartford Pope serial No. 10 muzzle loading rifle and I often wonder where this rifle is today having let it go a number of years ago. The bore was ruined but I should have kept it for the low serial number if nothing else, and the Bremer trigger system.

Joseph Singer and Harry L. Hyatt

I am indebted to Mr. John Dutcher of Denver, Colorado for a copy of their display advertisement in the March 1904 issue of Outdoor Life magazine. Evidently, they were partners and were doing business under the name SOUTHERN CALIFORNIA ARMS COMPANY. They illustrated a Winchester high wall rifle with their stocking, palm rest, and double set triggers. I have seen a number of stocks with Singer's name on them but no work signed by Mr. Hyatt. Singer's double set trigger were a really fine assembly and with 3 or 4 levers as I recall. John tells me that it is his understanding that Joe Singer was later joined by Pachmayr . . . founder of what is known at this time as the Pachmayr Gun Works and carried on by his sons.

Patburg

He was supposed to have been located in California during the heydays of the Schuetzen rifles. My only knowledge of his work was a double set trigger assembly of his in an engraved Ballard rifle. These were installed in the regular Ballard removable double set trigger plate and very nicely fitted. The front trigger consisted of a piece of music wire that was pulled at a 45 degree to the receiver and set with the rear trigger in the usual manner. This wire trigger had a small channel shape piece of metal that hinged up out of the way when using the trigger, and folded back down to protect the trigger when not in actual use. I sold this rifle to Arthur Hubalek, the barrel maker and famous off-hand shooter. As I recall it had a Hitchcock reliner in it and a chamber for the .22 long rifle cartridge.

Phillips

A single shot rifle with his name on it was floating around only a few years back but I lost trace of it without obtaining any information about it, or the barrel on it.

Volume 8, No. 5, page 15 and 16, May 29, 1890 in a Cypress Hill shoot put on by the Zettler Brothers of New York City May 22, 1890 showed a Mr. G. Joiner of New York City shooting a barrel made by Phillips and fitted to a Swiss action, 34-inch, muzzle loaded, using a .38 caliber 180 grain lubricated bullet, and shot without cleaning. The rifle weighed 17-3/4 pounds. The "180 grain" bullet could very well be a mis-print since it seems about 100 grains lighter than usual for a .38 caliber Schuetzen rifle.

I am sure there are a lot of others that I have never run into, and if you have anything on them I would appreciate hearing from you in as minute detail as possible.

How to Win Rifle Matches

**by Paul Wright
Box 553
Silver City, N.M.**

(Editors Note: It is with pleasure that we are able to offer you this article by Mr. Paul Wright. No stranger to the shooting sports, Mr. Wright, and his son P.J., have constantly attended matches throughout the United States. The readers of various shoot reports will notice the names of these gentlemen at, or near, the top of the list.

It was my pleasure to meet Mr. Wright, who was one of the originators of the 6.5-300 WWH long range cartridge, at Camp Perry several years ago. We hope you enjoy his story as he has put down his many years of experience in the interest of helping others to do equally as well.)

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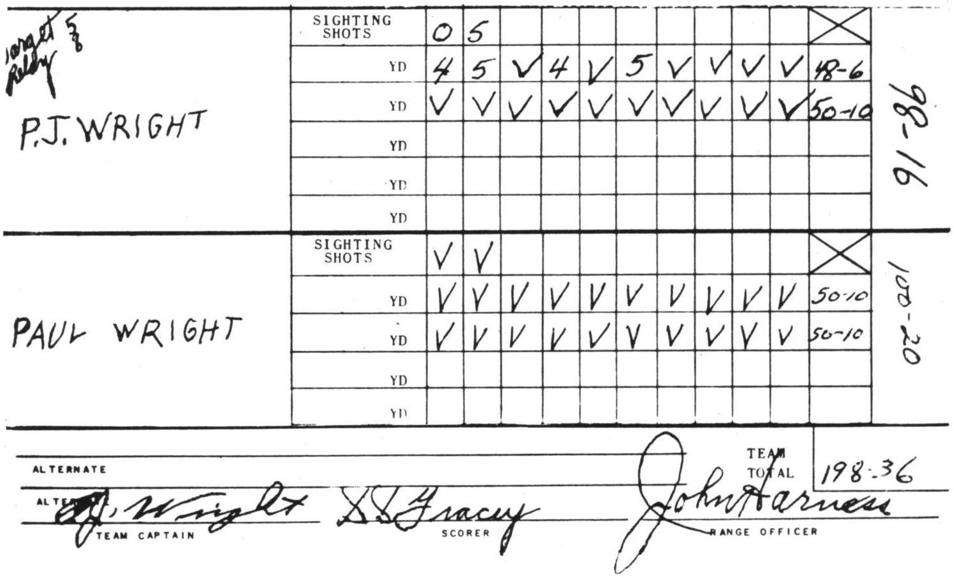
Paul Wright in 1932 after winning his first National Trophy.

This article is for the shooter who hopes to win rifle matches but for one reason or another just doesn't seem able to break into the winning circle. This is not written for the nice fellow who goes to a shooting match only for the good fellowship and doesn't care whether or not he wins. God bless his kind! Nor is this written for the advanced rifleman who may already know all the "tricks" in this article and a few more.

First we should consider physical conditioning. A shooter, as in most other sports, should be at his best. If he is truly interested in shooting winning scores, but also trying for records, he will train like any athlete, but in his own field. When he conditions himself physically for the job it will also help condition him mentally. More on that later.

As the old adage goes: "We get out of anything just that which we are willing to put in." As a starter one should do a few minutes of waking up exercises when he gets up in the morning, to include body bending, push ups, pull ups, etc. Then take a mile walk before breakfast. If time and circumstance permits add some jogging (within reason). It will not only tone your body, but may add years to your life. Now set aside, morning or night, a dry firing course patterned after your next match. If you are a small bore rifle shooter or a long range high power rifle shooter put your target scope on and focus it for your practice target. An example: I have a double room and from this so called firing point, front elbow to target is 33 feet. A small target of about three eighths inch with about a one eighth inch white spot in center is used. This is similar to the 1000 yard "C" target, with the white spot nearer a minute of angle rather than the two minute V ring of "C" target. It is recommended to take two sighters and twenty for record, dry shots, each day for at least a month before such matches as Wimbledon and Leech and make each shot count as if in a real match. Then fill in whenever possible with some live ammo. Sure, some may get stale as a prize fighter sometimes thinks he gets with over-training. But if the shooter continues this dry practice filled in once a week or so with a little live practice, day after day,



arget 5
Relay 8

P.J. WRIGHT	SIGHTING SHOTS	0	5									☒	98-16
	YD	4	5	✓	4	✓	5	✓	✓	✓	✓	48-6	
	YD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	50-10	
	YD												
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	YD												
PAUL WRIGHT	SIGHTING SHOTS	✓	✓									☒	100-20
	YD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	50-10	
	YD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	50-10	
	YD												
	YD												

ALTERNATE

ALTERNATE

TEAM TOTAL 198-36

Wright — TEAM CAPTAIN
D.S. Gracey — SCORER
John Harness — RANGE OFFICER

A copy of the 1,000 yard to man team Service Rifle scorecard. Fired at Coalinga, California in February, 1974. The score second from top is believed to be the only 100-20V ever fired in open competition with the M-1 or M-14.

week after week and sometimes month after month until even the staleness wears off he will find that he doesn't tire in position and can hold that prone position in complete comfort, exactly quartering the minute of angle center while squeezing off the trigger. Enough emphasis can hardly be given on dry practice until one can hold like a machine rest, and uniform for each shot, while completely at ease, relaxed and untired. This builds confidence and is part of the mental conditioning. I don't think one type of position is too important. Example: Prone, one can shoot in high or low position, some prefer to lie flat at a 30 to 45 degree angle, others more in back of the rifle facing target with one knee pulled up. The main object is to determine your most comfortable position and perfect it. I use a flat medium low position at about a 35 degree angle. When a person starts this dry fire training with a scope he will see all his errors (if he keeps his eyes open when the firing pin falls). He will be doing well to hold his shots in the minute of angle circle to start, but as he progresses the cross hairs settle down and he develops that necessary follow through feeling.

When training for iron sight "over the course" high power one should from time to time put a scope sight on for dry rapid fire and standing just to see what is going on. One may solve a problem or two. If one is having trouble, the scope should pin-point it.

If you keep your body healthy with proper living as outlined one will not need any wonder pills or drugs. Not even aspirin is recommended except for maybe a headache. At best they may, with some individuals, give a slight psychological lift, but nothing can be substituted for proper training. If there was any magic in pills some of our doctors who shoot would win all the matches. One should cut down or better yet eliminate coffee, tea, and tobacco. Even most cola soft drinks have about half the stimulant per volume coffee has. Alcohol won't help your scores either. The best medicine is still your own confidence, that is built in through work, and seeing your scores improve with live ammo after periods of dry firing. A new shooter may have trouble in his matches with the "buck", as commonly called, but if he continues his work he will get so good he will know he can hold it in the bull while squeezing the trigger off. This built-in confidence helps keep the pressure and flinch down.

Now we come to the actual competitive match. If outdoors we have wind and weather to contend with, and if high power we may have an occasional poorly trained or slow pit crew member who can ruin a good score quicker than a fish-tail wind. If a competitor is confronted with this trouble, he should call the range officer who in turn will call the pit officer and get the pit man straightened out. Fortunately, this doesn't happen very often. In old days when the Army, Air Force and Marine support units ran the National Match range and pit, service was very good and professional. Since these services have been pulled out the National Rifle Association now has been running it the last few years. Their system is preferred by many, as shooters take their turn at scoring targets in the pit as well as shooting. Next to the professional military system the N.R.A. system is to be preferred as most competitors will give the same excellent pit service they hope to receive when firing. Another advantage is it saves considerable expense training and paying a pit crew. This makes more money available for prizes. Some local, state and regional matches are using, or coming to, this sytem. A target in slow fire, even in a 1000 yard match should never be more than 20 seconds in the pit when hit with a bullet, and a good pit man can have it up in 10 seconds. A competitor in a 1000 yard match of two sighters and twenty shots for record, is allowed 33 minutes. If he can shoot fast, say in half that time, he will only be exposed to half of the wind and light changes.

A book could be written on reading atmospheric conditions, but only the highlights will be given here. One must learn to "dope the wind" as it is generally referred to. The wind will seriously effect the flight of a bullet at the longer ranges. On warm days when the sun is shining one can see heat waves moving up from the ground. They become quite clear through a spotting scope. This is called mirage. It shows up best at focus point of a spotting scope. If a shooter is shooting at 1000 yards focus should be pulled back toward mid range but not so far one can not see his spotter or read his score. This mirage and the way it flows and dances indicates wind direction. If straight up, a boil exists and this is sometimes dangerous to shoot into as the boil or the mirage carries the image up and the shot may land high. If mirage waves are from the left, the wind can be anywhere from 7:00 to 11:00 o'clock and right wind vice versa 1:00 to 5:00 o'clock. One should also rely on other things for wind direction such as a range flag, wind mill, air sock, or most anything in view. Mirage on a warm, damp-but-sunny-day will distort the image of a bullseye, but I don't believe the mirage will carry the bullseye image over three or four widths as I have heard some say it will. I have set a rifle scope up on a solid base focused with cross hairs on a distant object checking it throughout the day with different velocity winds and never found cross hairs far enough off to worry much about. This is a controversial subject and maybe my tests were not at the right place and time. Only experience will teach the beginner how to read the effect of wind on a bullet. It is suggested the new competitor should ask the help of an old hand or coach to set up beside him in a practice match. Have the coach read wind and the shooter should check his own scope and see just what a minute or several minutes of wind looks like in mirage. After a little of such coaching the new shooter should soon learn. The Canadians and British have what appears to be a better wind reading arrangement than we have in the United States. They have an official range flag or streamer set up at intervals all over their range so a competitor can tell at a glance both the velocity and direction of wind. They have computer cards showing velocity by angle, and the card will determine how to set your sight. Most American score books have a wind velocity and direction sheet which helps a great deal. It is based on the red flag usually at each end of the pit. I have seen competitors, especially in small bore, where the range is fairly short take a few puffs of a cigarette and toss it out in front of the firing line simply to watch smoke drift. Others tie a raveling to a rifle muzzle or even have a small windmill to give a hint of direction and velocity. These don't always work too well at long range as wind may be going one way at the firing line and another at the pit. That is why a good scope, properly focused, can pick up the average for the distance fired. If one gets caught on a cool or cold day that is overcast with no mirage but wind blowing — maybe flags are wet and don't blow — all one can do is make a guess for sighters, shoot fast and follow spotter. If you have a good shooter on your right or left, try and fall into his rhythm and fire soon after his target comes up. If a wind change happens you may catch it by his spotter.

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Equipment

Good scores can only be fired with a good rifle and ammo. But too, this is just one of the factors contributing to a good score. In smallbore it seems several makes of actions and various makes of barrels are used by the top competitors, but most of the really hot ones use only one brand of match ammo. In the high power game it is the other way around especially in the "over the course" matches. One seldom sees other than the model 70 and many pre '64 actions. Why? No one seems to really know. Probably with the revival of 30 cal. shooting after World War II the "70" was the only real target rifle available. But unlike the small bore people, the high power competitors put just about anything through their N.R.A. match rifle barrels. Most of the competitors handload their match ammo and there is a wide variety of excellent bullets, powder and primers available. An old favorite 30-06 target load is 57 gr. of 4350 in back of 180 gr. Western Super Match bullet and 9 1/2 Rem. Primer in W-W commercial cases. Variations of this were to substitute the 180 gr. bullet with 190 Sierra or Hornady match bullets. Some prefer 48 gr. 4064 powder with either of the latter three mentioned bullets. Some prefer other than the Rem. 9 1/2 or 9 1/2 Magnum primers. In the .308 or 7.62 Nato, a good load but slightly hot is 41 gr. 4895 with either Lapua 185 gr. bullet or 190 Sierra or Hornady in reloaded L.C. Match cases and again 9 1/2 Rem. regular primers. This has won some important matches. Another load that some have had good 600 and 1000 yard results with in .308 W. is 48 gr. 4350 with long drop tube and 200 gr. Match King and 9 1/2 Rem. Mag. primers in new W.W. commercial cases. This load compresses the powder when bullet is seated and may crush or crack some of the grains which would seem to cause uneven burning rate between shots, but I have seen some great scores fired with it. All loads mentioned above **should be approached cautiously** as some barrels are smaller in diameter (groove) causing higher pressures. I suggest starting several grains under stated loads and work up. In matches that count shoot the best bullet for your rifle whether you have to pay $5.00, $7.50 or even $12.50 per hundred as you may spend $100 or more on entry fees, travel, meals, etc. Many competitors are capable of shooting much better scores than the scoreboard records. This is because they have inferior equipment, either in their rifle barrel, poor bedding, and maybe loose screws. It could be in sights, or poor ammo — possibly the bullets don't fit the bore properly or simply won't shoot in that barrel. In scope sights for long range shooting a dozen or more things can go wrong. When a known good marksman is having troubles winning he should stop right then and analize the situation. If he cannot find anything loose and rifling appears good he should take his equipment to a 100 or 200 yard range and preferably use a target scope sight, bench rest or sandbags. If groups are one minute of angle or less for ten shots he will then know the equipment is good but he is sour. Back to the old dry practice. If his groups are one and a half minute or larger he should experiment a little. First put his iron sights on. If he shoots better with iron, the trouble is most likely in the scope. If he has the time and a known good rifle (his or a borrowed one) try his scope on the good rifle. He may get some valuable knowledge, learning whether his rifle or his scope sight is at fault. One must have tuned up first class equipment to win.

Mr. Wright as he appears today, at 70, shortly after his 100-20V at 1,000 yards with the M-1 rifle.

If you have a physical handicap don't let it get you down. Most of the time one can overcome his trouble and be better off after the readjustment. Years ago I knew a sergeant at Ft. Bliss, Texas. I don't recall the spelling of his name but it sounded like Will-soo-sky. He loved guns and shooting but (like many) never seemed to break into the winners circle. One day a disaster struck. An Army mule kicked the right side of his face in, loosing his right eye. Yes, he was strongly right handed. After his recovery he decided to learn to shoot all over again, but this time left handed. This was with the only match rifle of the day, the 1903 star gauged Springfield, as issued. After several months of hard work at position exercises and dry firing, even rapid fire sitting and prone he began shooting a little live ammo and to his surprise he started beating his pre accident scores. He started winning local matches, both civilian and military. He tried out and won a place on the all cavalry team to the Nationals. He went on to win national honors. When he changed over to left handed shooting he left behind all his right handed bad habits. This all happened about 45 years ago when I was a young man, but it so impressed me, I have not forgotten. Recently my right eye has begun to give me trouble with iron sights. Twice in the last year I have had the bull completely fade out at 600 and 1000 yards. I, too, have been strongly right handed, but am now in the process of changing to the left. At this writing I have not fully mastered it, but am improving in each days dry practice. My left eye is 20-20 with corrected lens. I can still see the short range targets well enough to continue right handed on this kind of position shooting and will use

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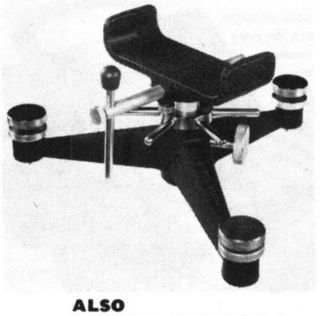

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Pressure

This is something that has confronted most of us some time or another. The temperamental type is more subject to this than the stoic. He must do something to control this pressure (his nerves). This is where some want to resort to a sedative of some sort, but again don't do it. The pill will take its toll one way or another. Your mind must be sharp to detect the wind changes and such. Most any one will get a little pressure if you have a run of 18 or 19 V's in the Wimbledon. There have been scores of 99-19V. You can usually guess which shot the 4 was. Many times while scoring in a 20 shot slow fire prone match especially when a good score is coming up the competitor will look back and say, "How many more shots have I got to go?" The well trained shooter who is self disciplined over both mind and body and who has that determined will to win will come through.

For those who are temperamental and do get a case of "buck" a few suggestions may be used. For those with a little religion, there is nothing wrong in offering some prayers, asking that you be given the power to overcome that damned "buck". But unless you work at the proper practices and have a serious will to win I am afraid God won't help you too much. I think I have heard something like "God helps those who help themselves". Others who profess to be on the scientific side may use a form of self hypnosis stretched into post hypnosis. In simple words this means a competitor after he goes to bed will tell himself over and over what his objective or goal is for the following day. If he sleeps in a room alone he can do this in a whisper or merely mentally. If he falls asleep while in the process so much the better. According to some this is almost as effective as post hypnosis administered by a qualified psychiatrist. This writer knows of only one such case in which a Benning Marksmanship member took such a post hypnosis treatment at Camp Perry 15 or so years ago. He was told that the following day he would have no pressure, he would shoot his very best and win the match — he did. He was an excellent rifleman and could probably have won the match without the "head shrinker". This was performed as an experiment as at the time it was suspicioned the Russian International team was resorting to such extremes.

In conclusion, this writer does not advocate this kind of psychology as a short cut to good shooting. It is merely mentioned to completely round out this article. Don't forget that the trigger finger is as important as a good barrel, a good bullet or all that training you may go through. When you get the bull in perfect picture squeeze off the trigger with a perfect follow through.

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by Lee Euber, Jr.
Middlebury, Ct. 05753

(**Editors Note:** The following article, in the form of a letter, arrived some time ago. It is along the lines which many shooters follow in their competition. It is presented here, with slight editing to make it into a story rather than a letter, in the interest of stirring up the thoughts of others. Your comments are welcome.)

The New York State Championship Match is now several months old and I have had some time to reflect on the events of that match. Perhaps my experiences will be of value to other new shooters. This was only my fourth registered match. In 1973, I attended the Johnstown match, the IBS Varmint Championships and also Super Shoot II in 1974.

Wednesday, prior to the Johnstown match (1974), I tested my 40X BR's. By changing to CCI primers, upping the charge of 4198 by 2/10 of a grain and seating the Detsch bullets another .003 deeper my 6 X 47 really began to perform. My .222 was shooting quite well with RI-7. This was the first time that I would be able to go to a shoot with the feeling I was prepared, and whatever I did was up to me. Saturday morning I started out with a warm-up of .175 and finished with a .271 aggregate at 100 yards in the Light Varmint class.

Thinking that my .222 Heavy Varmint was capable of doing better, but not wanting to give up on a winner, I decided to shoot my 6 X 47 all the way. In so doing I won all the first places in Light Varmint and was first in the Two Gun Aggregate.

The 40X-BR that I used was factory bedded. All that I did was relieve a bit around the action. There is no epoxy or other bedding added. I feel the rifle performs quite well in this bedding and see no reason to change.

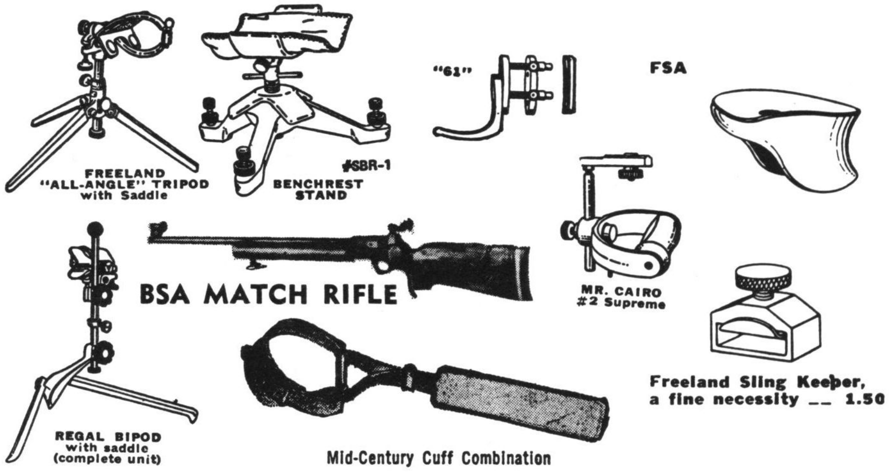
For loading I use the Lee Target Model Reloader exclusively, with complete satisfaction.

The only other point that I changed in my shooting habits was to learn to shoot with both eyes open. I had never done this before. It appears to help quite a bit.

In looking back I sort of feel that I could have changed my charge somewhat to compensate for temperature and humidity. In doing this I might have done a bit better.

The more I shoot my 6 X 47 the more I like it. It appears to be the best caliber for a one gun man to shoot if he is inclined to stay with one rifle for all three classes. If my memory serves me correctly the first three places in the Grand Aggregate during the 1973 IBS Varmint Championships were taken by shooters who used the 6 X 47 all-the-way. (That is correct. R.R.M.) Perhaps this will be my route in the future if the rifle continues to perform as well as it did at Johnstown.

FOR THE SHOOTER BY A SHOOTER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TRANSCONTINENTAL HUNTER RIFLE LEAGUE RESULTS

The season has ended and we have not only an Eastern Division Champion but the Sulphur Springs Club walks away with the TCL honors for 1974 with an undefeated 3-0 record for the first abbreviated season of competition. Already it looks as if expansion pains are setting in and the possibility of ten to twelve teams for 1975 seems likely.

September Match Results

Englishtown, N.J. defeated Chippewa, O. to give themselves a 2-1 record for the year and a 2nd place finish in the Eastern Division. Chippewa finished with a 1-2 record and a tie for first place in the Western Division.

Englishtown, N.J.

John Trela	248-12
Fred Hass	245-6
John Yanosey	244-4
Tony Hidalgo Sr.	242-7
Tony Hidalgo Jr.	238-4
Total	1217-33

Chippewa, Ohio

V.C. Sommer	245-10
Pete Rechnitzer	242-5
Paul Horst	240-4
Ray Daily	240-4
Mildred Spencer	239-7
Total	1206-30

The York, Penna. IWLA shooters defeated Waco, Tx. area by a sizeable margin in their final match of the year with Waco once again having trouble turning out their shooters. It sure makes a difference if you can use the top five of twenty scores or have to use the top five when only six or seven shooters turn out. York garnered a tie for second place in the East while Waco slid to the bottom in their division.

York, Penna IWLA

Jim Loucks	245-8
Robert Drexler	246-4
Robert Linn	243-5
Les Krall	242-8
Lou Ressler	239-3
Total	1215-28

Waco, Texas Area

Billy Russell	242-6
Charlie Turner	242-3
James Hackfield	241-6
James Milam	235-6
W.S. Armstrong	235-7
Total	1195-28

Sulphur Springs, Penna. walked away with top league honors by defeating CTBRSA in the final match of the year. These scores are some of the highest and the match was also one of the closest this year. CTBRSA ties with Chippewa for the first place in the Western Division with a 1-2 record.

Sulphur Springs, Penna.

Luther Loucks	246-8
Guy Green	245-9
Nick Yurchak	244-10
Carl Driscoll	244-10
James Loucks	243-5
Totals	12222-42

C.T.B.R.S.A.

Roy Hosking	247-13
Ed Brown	245-7
Jim Tschoepe	243-6
Bob Moeller	242-8
Frank Wilson	242-7
Totals	1219-41

Final League Standings for 1974 Season

Eastern Division	**W**	**L**
Sulphur Springs, Pa.	3	0
York, Pa. I.W.L.A.	2	1
Englishtown, N.J.	2	1
Western Division	**W**	**L**
Chippewa, Ohio	1	2
C.T.B.R.S.A.	1	2
Waco, Texas Area	0	3

The award patches for the season are in the process of being prepared and will be sent to Club coordinators just as soon as they are received. It seems that we have something well started and now as we go into our various winters, hunting seasons, etc. let's give a little thought as to how the League can be improved for next year. Hopefully we'll be talking with the coordinators on the phone throughout this period and then any rule changes can be considered prior to the beginning of next season.

It is hoped that the number of participating clubs can be finalized shortly after the first of the year and a firm schedule of teams and matches arranged soon thereafter.

Any and all suggestions will be given careful consideration and please direct them to my attention. Meanwhile, good shooting, good hunting and let us hope for a favorable 1975 season. Thank you.

Bob Pease,
League Coordinator 1974

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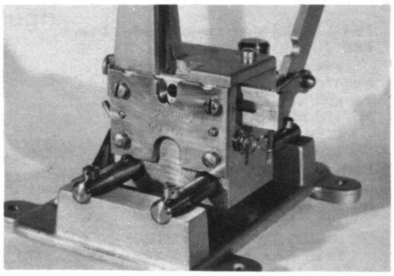

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1954 June
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1952 February
1951 January & March
1949 April, June, July & August
1948 May & December

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OTHER BACK ISSUES

While organizing the collection of back issues on file the following were discovered and are being offered for sale at $1.00 each. These may be just what you need to complete your collection. We still have:

1 Shooters News, July, November 1955
2 Shooters News, December 1955
1 Shooters News, April 1954
1 Shooters News, October 1954
1 Shooters News September 1951

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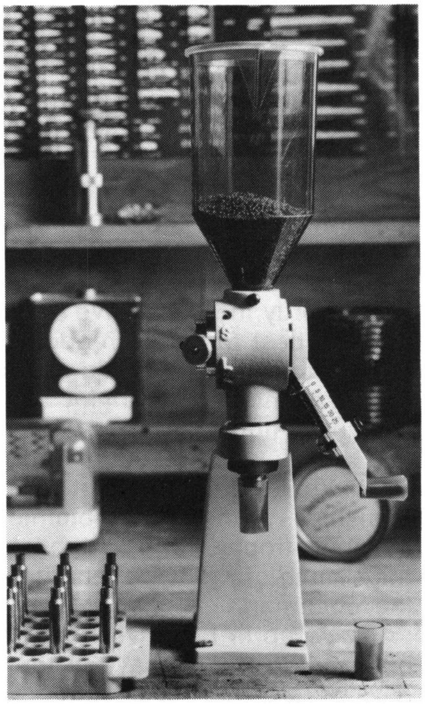
MAINVILLE SPORTSMEN CLUB
OCTOBER 13, 1974
Registered Shoot Report

Master Class	Score	Cal.	Rifle	Scope	Bullet	Load	Case	Primer
1. Paul Thompson Dauphin, Pa.	246-8x	308	Rem. Hart	Weaver 4-12	168 Sierra	40 gr. 4064	Govt.	Fed.
2. Randy Fritz Bloomsburg, Pa.	246-8x	308	Rem. Hart	Leupold V-9	168 Sierra	39 gr. 4064	Rem.	9 1/2
3. Luther Loucks York, Pa.	244-7x	308	Rem.	Redfield 6X	168 Sierra	41 gr. 4895	Win.	Rem.
4. James Loucks York, Pa.	243-6x	308	Rem.M700 Win.	Bushnell	168 Sierra	46 gr. 4831	Win.	Rem.
5. Nick Yurchak York, Pa.	240-6x	308	Win. M-70	Leupold 6x			Win.	Rem.
6. Edward Gates Harrisburg, Pa.	240-40x	243	Rem. 722 Hart	Leupold 39	HP-70 Sierra	33 gr. 4895	R-P	Fed. 210
7. Curtis Gates Harrisburg, Pa.	239-3x	308	Rem. 700 Hart	Weaver V-9	H168 Sierra	42 gr. 4895	R-P	9 1/2 M
8. Conrad Ekrote Drums, Pa.	235-5x	308	Rem. 700 Hart	Weaver 4-12	168 Sierra	40 gr. 4064	Rem.	Rem.
9. Gary Long Milleville, Pa.	234-2x	308	Mauser FN Shilen	Bushnell 3-9	HP168 Sierra	37 gr. 3031	Rem.	Rem.
10. John Hauze Sybertsville, Pa.	226-2x	308	Rem. Hart	Weaver 3-9	168 Spitzel	40 gr. 4064	Win.	CCI
11. Paul Olewine Dauphin, Pa.	223-1x	243x 47	Rem. 700 Hart	Pecar 6x	J4.70	35 gr. 4064	Win.	Fed.

Hunter	Score	Cal.	Rifle	Scope	Bullet	Lead	Case	Primer
1. Chester Shiner Sugarloaf, Pa.	245-8x	308	Rem. Rem.	Lyman 6x	168 Sierra	40 gr. 4895	Rem.	9 1/2
2. Walter Periera E. Brunswick, N.J.	244-6x	6MM	Rem. 600 Hart	Leupold 3x9	Detsch 70	37 gr. H-380	R.P.	Fed. 215
3. Geza Nagy Highland Pk. N.J.	241-5x	308	700 Hart	Lyman 6x	168 Sierra	40 gr. H335	Win. 40	Rem. 9 1/2
4. Warren Hauze Sugarloaf, Pa.	238-3x	308	Rem. Hart	Weaver V-9	168 HPBT	39 gr. 4064	Win. 40	Rem.
5. Joe Nagy Somerville, Pa.	235-4x	308	Rem. 700 Hart	Weaver 6x	168 Sierra	42 gr. 4895	Win. 39	Rem. 9 1/2
6. V. Pasterilla Milnesville, Pa.	230-3x	308	Rem. Douglas	Leupold 3x9	Sierra	41 gr. 4898	Win. 42	Fed.



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The First Donaldson Memorial Match

by Austin W. Hogan

Adolph Acker first suggested, after meeting with several old time shooters at a Rochester Gun Show, that some type of memorial to the late Harvey Donaldson should be established at Pine Tree. The trustees of Pine Tree were in agreement, and I broached the idea to several veteran IBS members, including Carl Lynn, Doc Garcelon and the late Bob Hart at the subsequent shoot. There was universal agreement that such a memorial was in order, and that a perpetual trophy might be most appropriate.

The late Harvey Donaldson is shown shooting at Johnstown. Frank Hubbard Photo.

Planning for the "Donaldson Match" began among the members of the bench rest committee at Pine Tree shortly thereafter. We decided that the best time for an additional non-record match would be between events at a varmint match, and most fitting between the light and heavy varmint stages of the New York State Varmint Championship. Planning and obtaining a suitable trophy, and establishing the course of fire were inherited by the chairman.

I grew up in Fultonville, and had often heard Harvey say "in the old days we always shot 10 shot groups at 200 yards" so the course of fire was set. I knew Harvey more from my interest in canoeing than in shooting and have fond memories of his two paper thin maple paddles. I also remember his perpetual search, mostly in old hardware stores, for 25-20 single shot cases to form the 2R Lovell. The make up of the trophy was now obvious, maple and brass, and not trophy makers brass plate, but real machinable brass from machine shop stock.

I returned from the Antarctic late in February with only 10 weeks to go before the first shoot. Three fine people enter the scene here, and they must be given credit for the physical entity of the perpetual trophy. Frank Hubbard, pioneer bench rest shooter and past president of Pine Tree, let me search his files for suitable photographs. Then Bill Purcell provided me with the magnificent portrait of Harvey examining a single shot action in his shop, which is now framed adjacent to the trophy. Finally, Roger Oaksford, who is chairman of the Industrial Arts Department of the Fonda Fultonville School when he is not range officer at Pine Tree, made the wall plaque.

The first Donaldson Memorial Match was held in pouring rain on June 16, 1974. Jim Stekl won the light rifle stage with a 0.839 and A. Smith took the Hi Wall class using a Browning Hi Wall replica. We had no Old Timer entries this year, but Hartin Herbert used his Taylor and Robbins Mauser at the recent Heavy Bench match and I hope that he and several others will put these veterans on the rest next year.

MATCH RESULTS
November 16, 1974
Englishtown, New Jersey
Un-Registered HV and Hunter

This was the 2nd match in EBSA's 1974-75 Winter Schedule. There was a promise of things to come, as the temperature fell into the low 40's as soon as the sun dipped.

Good friend Ed Knobloch, from Staten Island, won the HV class, while Native Son John Trela took the Hunter honors. Ed's .145 group was low for the night in HV. Trela and John Nagy shared high-target honors in Hunter with 50-3X's.

A mirage condition was particularly bothersome to the varmint shooters, many of whom, like your correspondent, never did dope it. It was created when occasional still air allowed the heat radiating from the lights to be seen.

RESULTS

Heavy Varmint

Ed Knoblock	.3240
Skip Gordon	.3320
Johanna Gordon	.3692
Bob White	.3782
Eppi Pazienza	.3942
Joe Nagy	.4342
Geza Nagy	.4412
Ted Witkowski	.4434
Bruce Hale	.4446
Jack Reynolds	.4472
John Yanosey	.4772
Dave Allen, Jr.	.5068
Dom Gagliostro	.5324
Bill Bieber	.6242
John Trela	.6786
Bob Sahler	.8152

Hunter Class

John Trela	246-5X
Joe Nagy	244-2X
Geza Nagy	240-7X
Tony Hidalgo, Sr.	238-5X
Bob Drexler	238-4X
Bob White	235-4X
John Yanosey	234-4X
Lee Paulison	232-2X
Tony Hidalgo, Jr.	170

EQUIPMENT

Heavy Varmint

Knobloch: .222; 700 Slvd action; Redfield scope; Hart barrel; 20.5 grains 4198; Sierra 52 grain BT bullets; Rem 7 1/2 primers.

S. Gordon: .222; XP100 action; Lyman-Siebert 25X; Atkinson barrel; 21.6 grains RL7; Detsch 52 grain BT's; CCI primers.

J. Gordon: .222; Shilen action; Redfield scope; McMillan barrel; 21.6 grains RL7; Detsch 52 grain BT's; CCI primers.

Hunter

Trela: .308; Rem Action; Weaver scope; Hart barrel; 40.0 grains 4064; bullet unknown; Rem 9 1/2 primers.

J. Nagy: .308; Rem 700 action; Weaver scope; Hart barrel; 42 grains 4895; Sierra 168 grain bullet; Federal primers.

G. Nagy: .308; Rem 700 action; Lyman scope; Hart barrel; 40.3 grains H-335; Sierra 168 grain bullet; Rem 9 1/2 primers.

H.S. Gordon, Reporter

DELAWARE COUNTY SHOOTING ASSOCIATION
MANCHESTER, IOWA

The August 4, 1974 match was one of our largest matches. There were 21 shooters in the Heavy Varmint Class and 13 in the Sporter Class. Shooters from Minnesota, Wisconsin, Illinois and Iowa competed.

Ron Fell from Waterloo, Iowa fired a winning .3338 aggregate. Milt Duvel of Waukon, Iowa was second with a .3492. Steve McCrystal of West Allis, Wisconsin was third with .3782.

Ron shot a .222-40X, Lyman 20X scope, Hart 27″ barrel. His load was 20.5-4198 Sierra 53 bullets. Milt shot a sleeved Remington 222 with a 25″ Hart barrel. His load was 20.6 gr. RL7 and Detsch bullets. Steve used a 22-45, Rem 700 with a 25″ Shilen barrel and a load of 23.5 RL7 and 52 Rem. bullets.

The sporter results are as follows:

Milt Duvel, Waukon, Iowa	.4126
Ron Fell, Waterloo, Iowa	.4228
Ralph Judd, Minneapolis, Minn.	.4364

Duvel's equipment was a 6X47, Remington action, Lyman 20 scope and Remington 20″ barrel. His load was 23.5 gr. 4198, Detsch Bullets, Rem Primers. Fell's equipment included a 6X47, 40X, Lyman 30 with a Hart 21″ barrel. Load was 21.5-H322, 72 gr. Beihler. Judd's equipment was a 6X47, 722 Remington, 24X scope, with a Hart 23″ barrel. His load was 28 gr. H322, 60 gr. Sierra's.

The Iowa State Heavy Varmint Championship was fired on October 5, 1974. This was the largest Heavy Varmint match at our range. Twenty-three shooters from Illinois, Wisconsin, Minnesota and Iowa attended.

Howard Nesheim of Decorah fired the winning aggregate and took our traveling trophy and a Keyser trophy, plus his choice of our many donated prizes. His aggregate was .3112. Howard shot a Hart barrel, 40X and a load of 23 1/2 gr. H322 with Rem. 52 gr. bullets.

Arne Carlsen of Waukegan, Illinois was second with a .3134 aggregate. Arne shot a 6X47 with 26.5 gr. 4895 with a 60 gr. Sierra bullet. Ed Cabor of Moline, Illinois was third with a .342. Ed shot 22 gr. RL7 with 51 gr. Roraschach bullets.

On Sunday, October 6 we fired our Sporter Match. This was also the largest number of Sporter shooters, with 14 shooters.

The Sporter results are as follows:

Milt Duvel, Waukon, Iowa	.3778
Ron Holden, Williamsburg, Iowa	.4324
Ralph Judd, Minneapolis, Minn.	.4656

Good Shooting to all,
Richard Saunders, IBS Director

IBS REGISTERED HUNTER RIFLE MATCH
IZAAK WALTON LEAGUE
York, Pa. October 20, 1974

Name	Score	Cal.	Rifle	Scope	Bullet	Load	Primer	Case
1. R. Drexler* Churchville, Pa.	248-9	308	Rem. Hart	Weaver 6X	168 Gr. Sierra	39 Gr. 4064	Rem.	Win.
2. Ed. Gates* Harrisburg, Pa.	247-12	308	Rem. Hart	Weaver V9	168 Gr. Sierra	42 Gr. 4895	Rem.	Rem.
3. P. Thompson** Dauphin, Pa.	245-8	308	Rem.	Weaver V12	168 Gr. Sierra	40 Gr. 4064	Fed.	Govt.
4. R. Fritz Bloomsburg, Pa.	241-5	308	Rem. Hart	Leupold V9	168 Gr. Sierra	39 Gr. 4064	Rem.	Rem.
5. Gary Long Millville, Pa.	239-4	308	FN Shilen	Bushnell V9	168 Gr. Sierra	38 Gr. 3031	Rem.	Rem.
6. P. Olewine Dauphin, Pa.	236-6	308	Rem. Hart	Leupold V9	168 Gr. Sierra	42 Gr. 4895	Fed.	Govt.
7. Jim Loucks York, Pa.	234-4	308	Win. Win.	Bushnell 6X	168 Gr. Sierra	46 Gr. 4831	Rem.	Win.
8. R. Drobek York, Pa.	234-4	308	Rem. Shilen	Weaver K6	168 Gr. Sierra	39 1/2 Gr. 3031	Rem.	Rem.
9. L. Ressler York, Pa.	234-4	308	Rem. Hart	Weaver K6	168 Gr. Sierra	40 Gr. 4320	CCI	Fed.
Hunter								
1. L. Grim* York, Pa.	241-8	308	Rem. Hart	Weaver K6	168 Gr. Sierra	39 Gr. 3031	Rem.	Govt.
2. Chas. Eppley Dallastown, Pa.	197-1	22/250	Rem. Hart	Redfield 6X	55 Gr. Sierra	36 Gr. 4320	CCI	Win.
Marksman								
1. E. Mordan* Millville, Pa.	236-3	243	Rem. Rem.	Leupold V9	85 Gr. Sierra	43 Gr. 4831	Rem.	Rem.

This was the last registered match for the season. Weather permitting we hope to have Sno-Ball shoots beginning the 3rd Sunday in December and continuing through the winter. Hope to see you all sometime during the winter shoots.

*Awarded prize money.
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R. A. Linn, Secretary

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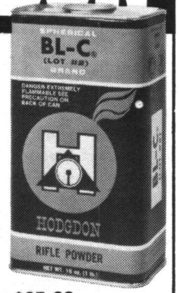

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